

ABSTRACT OF THE DISCLOSURE

A coordinate input and detection device includes a touch panel, light emitting units, a reflective member, intensity distribution detection  
5 units, a coordinate detection unit, and filters. Each of light beams projected from the light emitting units travels and has a sector shape in a direction parallel to a surface of the touch panel. The light beams are reflected by the reflective member and  
10 received by the intensity distribution detection units. A coordinate detection unit detects a coordinate value of a position where the light beams are interrupted based on intensity distributions detected by the intensity distribution detection  
15 units. The filters are disposed in optical paths in directions perpendicular to directions in which the light beams travel, and have transmission rates varying with respect to positions within the filters.